

MATERIAL SAFETY DATA SHEET

MSDS

DATE: 10/25/98

MSDS # 522222

NEW [X]

REVISED []

PURSELL INDUSTRIES, INC

P.O. Box 540

Sylacauga, AL 35150

EMERGENCY PHONE NUMBERS:

PURSELL 1-800-874-8892

CHEMTREC 1-800-424-9300

SECTION - I - PRODUCT INFORMATION

PRODUCT NAME Vigoro Centipede Weed & Feed 15-0-15

PRODUCT NUMBER 522222

CHEMICAL NAME Atrazine Herbicide, Polymer coated Urea, Polymer coated Sulfur coated Urea, Urea, Muriate of Potash, and Ferrous Sulfate

CHEMICAL CLASS Triazine Herbicide /Fertilizer Compound

EPA REGISTRATION NUMBER 8660-12

NFPA RATING Health - 2 Flammability - 0 Reactivity - 1 Special - None

NFPA CODES 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

SECTION - II - INGREDIENT INFORMATION

ACTIVE INGREDIENT	CAS NUMBER	PEL	TLV	OTHER	% BY WEIGHT
ATRAZINE:					
2-chloro-4-ethylamino-6-isopropylamino-s-triazine	1912-24-9	5 mg/m ³	5 mg/m ³	NI	1.102
RELATED COMPOUNDS		NI	NI	NI	0.058
INERT INGREDIENTS					98.840

SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA Bulk Density: 56-59 lbs/ft³
Vapor Pressure (mmHg): NA Melting Point: NA
Vapor Density (Air = 1): NA Evaporation Rate (Butyl Acetate = 1): NA
Solubility in Water Fertilizer chemicals are water soluble Herbicide compound and polyurethane coating are water insoluble.
Appearance and Odor Beige, brown, green, yellow and/or white fertilizer granules Slight fertilizer salt odor

SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NI Flammable Limits: LEL: NI UEL: NI
Extinguishing Media Foam, dry chemical, CO₂, sand, or fine earth Only use water spray if necessary
Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus. Short term exposure to smoke, fumes, and gases can lead to irreversible lung injury without early signs and symptoms Use extinguishing media suitable for the surrounding fire
Unusual Fire and Explosion Hazards Burning product may produce irritating or poisonous gases Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities

SECTION - V - REACTIVITY DATA

Stability Stable
Incompatibility (Materials to avoid) Store separately from acids and bases.
Hazardous Decomposition or Byproducts Thermal degradation may produce Ammonia, biuret, cyanuric acid, hydrogen cyanide gas, nitrogen oxides, chlorine gas, and sulfur oxides
Hazardous Polymerization Will not occur

SECTION - VI - HEALTH HAZARD DATA

ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

SARA Hazard category Immediate health hazard

Route(s) of entry Inhalation, Contact, Ingestion

Eyes Immediately flush eyes with large amounts of water for 15 minutes, holding lids open Get medical attention if irritation persists

Skin Wash with plenty of soap and water, including hair and under fingernails. Remove contaminated clothing and wash before reusing.

Inhalation Dusts may cause moderate irritation to the nose, throat, and lungs. If exposure occurs, remove to fresh air

Ingestion Immediately seek medical assistance Call a physician The phone number for the National Poison Control Center is (202)

625-3333. Drink 1 or 2 glasses of water and induce vomiting. Never induce vomiting or give anything by mouth to an unconscious person. Keep head lower than chest to avoid aspiration into lungs.
Signs and Symptoms of Exposure May cause slight eye or skin irritation. If swallowed, nausea, vomiting, or diarrhea may occur.
Other Health Warnings: Repeated skin contact may cause a sensitization (allergic) reaction in sensitive individuals.
Note to physician There is no specific antidote for Atrazine. If ingested, induce emesis or lavage stomach.

SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in original container in a cool, dry, locked area inaccessible to children and pets. Store separately from food, feed, fertilizers, seeds, and other pesticides so that cross contamination does not occur.
Procedures in case of spill or release: Do not touch spilled product. Wear protective clothing; chemical resistant gloves and shoes, safety glasses or goggles. Use NIOSH/MSHA approved respirator (TC-21C) if exposure levels are high. If material is uncontaminated, collect, label containers, and reuse as directed on label. Flush contaminated area with water if possible.
Empty containers may be disposed of in a licensed sanitary landfill. Do not reuse bag.
Waste Disposal Method: If uncontaminated, use as directed on the label. If contaminated, dispose of in accordance with all Federal, State, and Local laws. Pesticide wastes are toxic. Do not contaminate water supplies.
Other Precautions: Atrazine can seep or leach through soil and can enter ground water which may be used as drinking water.

SECTION - VIII - CONTROL MEASURES

Ventilation Requirements: None required with normal use of this product.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: None required with normal use of this product.
Protective Clothing: Wear long sleeved shirt, long pants, shoes and socks, and impervious gloves.
Eye Protection: Safety glasses with side shields or safety goggles are recommended.

SECTION - IX - ADDITIONAL INFORMATION

This product contains pesticides. Pesticides and their wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. If pesticides cannot be used according to label, contact your State or Federal pesticide control agency for guidance.

SECTION - X- SARA TITLE III REQUIREMENTS

Section 302: 100 lbs (Atrazine)	Section 313 Toxic Chemicals: Yes (1/1/95)
Section 304 CERCLA: Yes	SARA Hazard Category: Immediate Health Hazard
Section 311/312 Hazardous Substance: Yes	Carcinogenic Compound(s) (IARC): Yes

OTHER PRECAUTIONS AND COMMENTS

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

PURSELL INDUSTRIES, INC

NI=NONE INDICATED

NA=NOT APPLICABLE

Contact: Customer Service
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(256) 245-5282